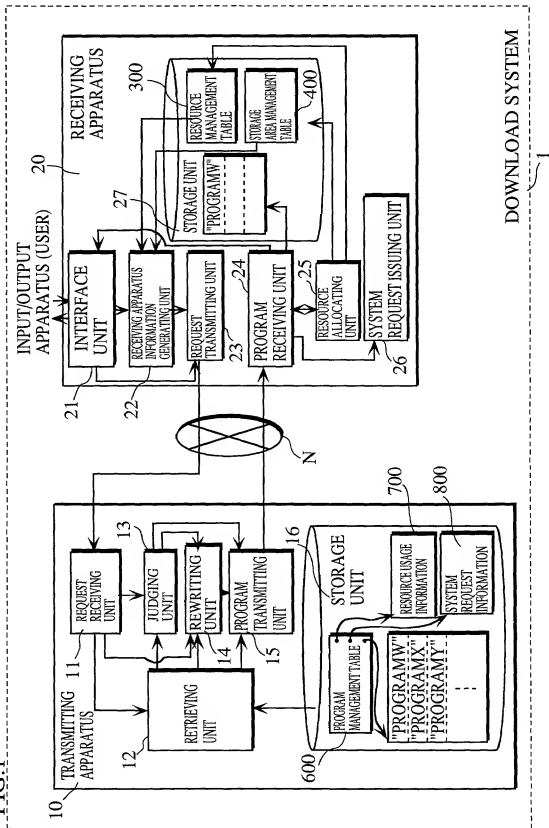


FIG.1



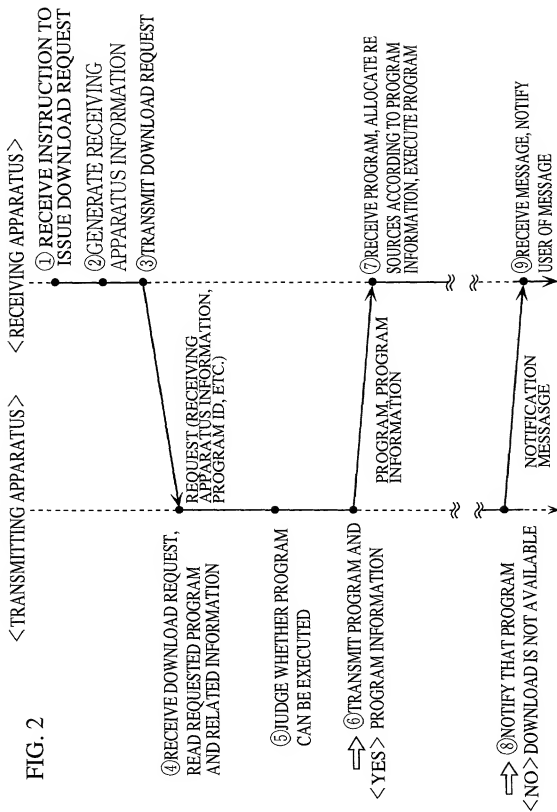


FIG. 3

300

RESOURCE TYPE	RESOURCE ID	USE STATE	ALLOCATED AREA
task	1	USED	0x10000
task	2	UNUSED	0x5000
task	3	UNUSED	0x4000
mempool	1	USED	0x400
mempool	2	UNUSED	0x400

310 320 330 340

301 302 303 304 305

FIG. 4

AREA ID	STARTING ADDRESS	USE STATE	ALLOCATED AREA	PROGRAM ID
0	0x48000000	USED	0x00300000	w
1	0x48300000	UNUSED	0x00800000	
2	0x48B00000	UNUSED	0x00400000	

400

401

402

403

410

420

430

440

450

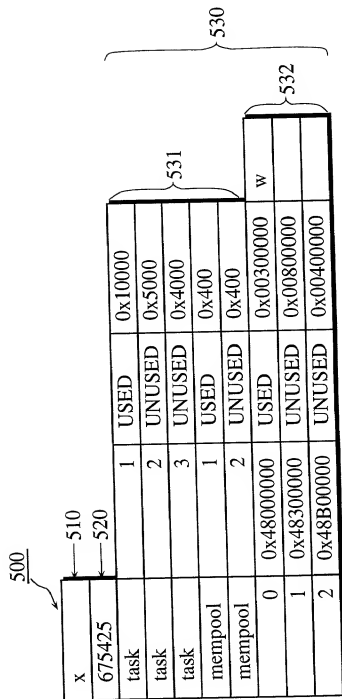


FIG. 6

PROGRAM ID	PROGRAM ADDRESS	RESOURCE USAGE INFORMATION ADDRESS	SYSTEM REQUEST INFORMATION ADDRESS
W	0x10000000	0x20000000	0x30000000
X	0x10013000	0x20000010	0x30000010
Y	0x10030000	0x20000020	0x30000020
Z	0x10060000	0x20000030	0x30000030

600

601

602

603

604

611

FIG. 7

RESOURCE TYPE	RESOURCE ID	AREA SIZE
task	A	0x3000
task	B	0x4000
mempool	C	0x300
STORAGE AREA SIZE		0x500000

FIG. 8

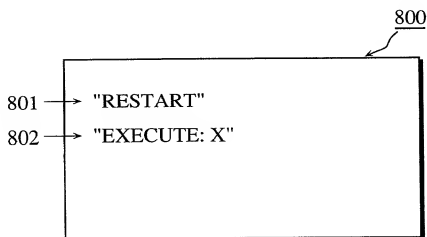


FIG. 9

900

RESOURCE TYPE	TRANSMISSION-SIDE RESOURCE ID	RECEPTION-SIDE RESOURCE ID
task	A	2
task	B	3
mempool	C	2

901
902
903

FIG. 10

1000

PROGRAM ID		X	1010
STORAGE AREA SIZE		0x500000	1020
AREA ID		1	1030
RESOURCE TYPE	RESOURCE ID	1040	
task	2		
task	3		
mempool	2		



FIG.11A

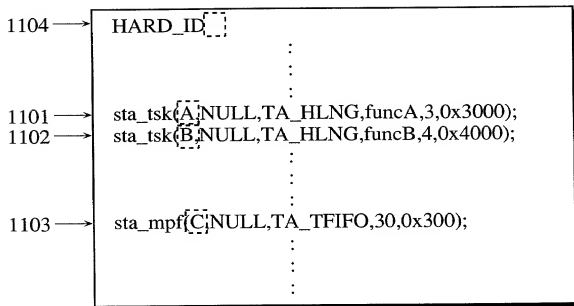


FIG.11B

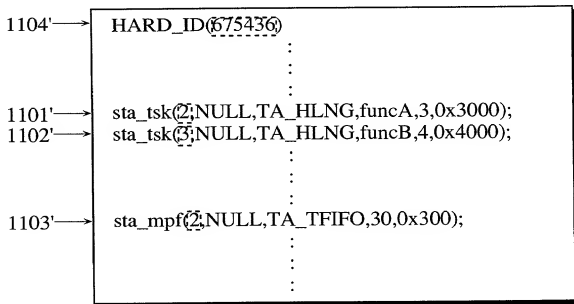


FIG. 12

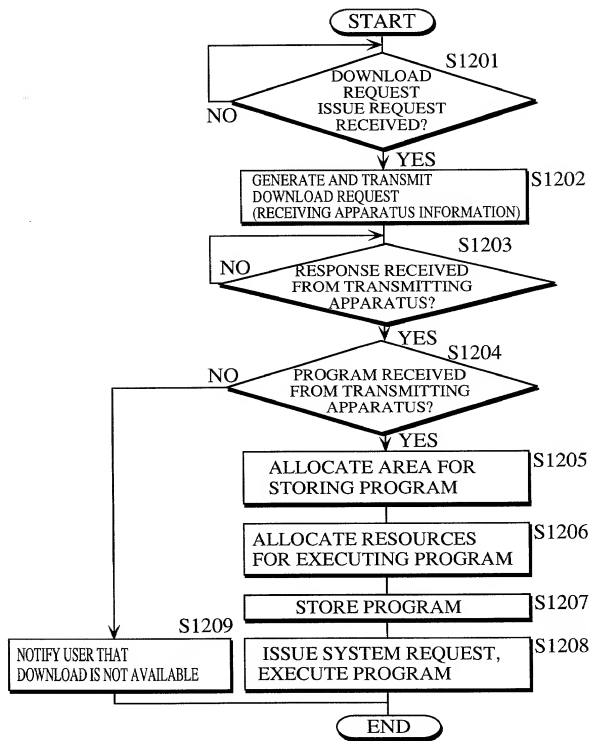


FIG. 13

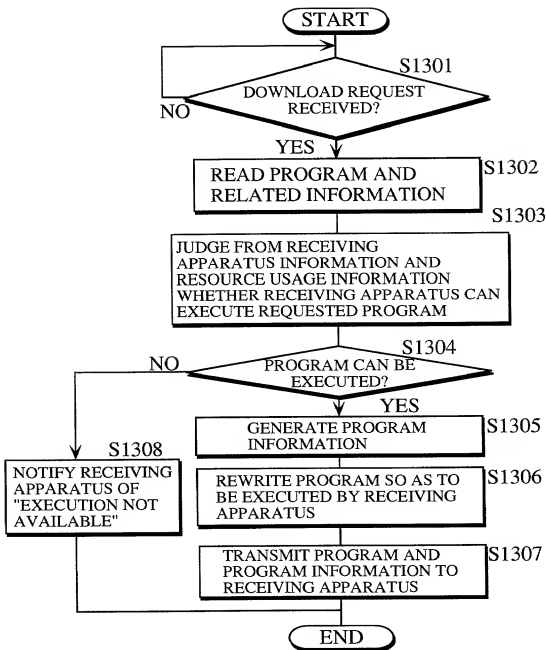


FIG.14A

AREA ID	STARTING ADDRESS	USE STATE	ALLOCATED AREA	PROGRAM ID
0	0x48000000	USED	0x00300000	w
1	0x48300000	UNUSED	0x00800000	
2	0x48B00000	UNUSED	0x00400000	

400

1401



FIG.14B

AREA ID	STARTING ADDRESS	USE STATE	ALLOCATED AREA	PROGRAM ID
0	0x48000000	USED	0x00300000	w
1	0x48300000	USED	0x00500000	x
2	0x48800000	UNUSED	0x00300000	
3	0x48B00000	UNUSED	0x00400000	

400

1401

1402

FIG.15A

300

RESOURCE TYPE	RESOURCE ID	USE STATE	ALLOCATED AREA
task	1	USED	0x10000
task	2	UNUSED	0x5000
task	3	UNUSED	0x4000
mempool	1	USED	0x400
mempool	2	UNUSED	0x400

FIG.15B



300

RESOURCE TYPE	RESOURCE ID	USE STATE	ALLOCATED AREA
task	1	USED	0x10000
task	2	USED	0x5000
task	3	USED	0x4000
mempool	1	USED	0x400
mempool	2	USED	0x400

FIG. 16

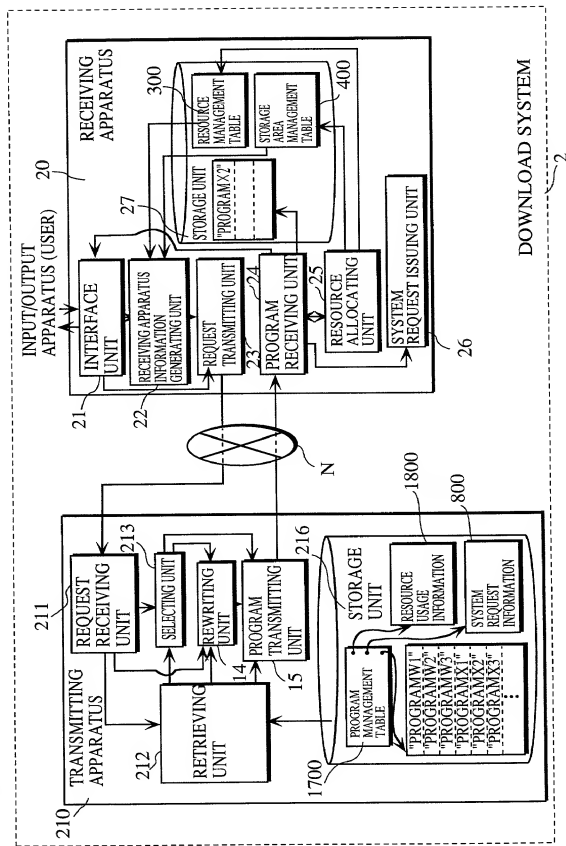




FIG. 18A

RESOURCE TYPE	RESOURCE ID	AREA SIZE
task	A	0x3000
task	B	0x8000
mempool	C	0x300
PROGRAM AREA SIZE		0x500000

FIG. 18B

RESOURCE TYPE	RESOURCE ID	AREA SIZE
task	A	0x3000
task	B	0x8000
PROGRAM AREA SIZE		0x400000

FIG. 18C

RESOURCE TYPE	RESOURCE ID	AREA SIZE
task	A	0x3000
task	B	0x4000
mempool	C	0x300
PROGRAM AREA SIZE		0x500000



FIG.19

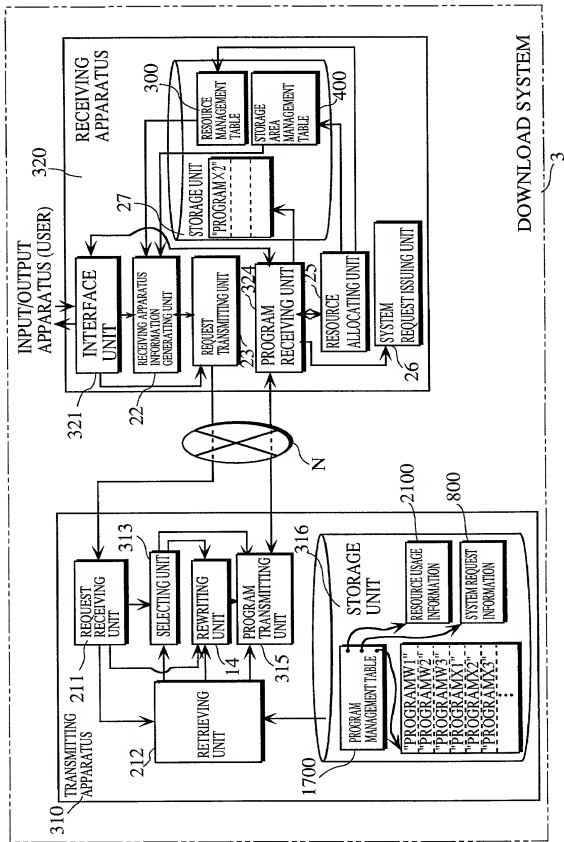


FIG.20

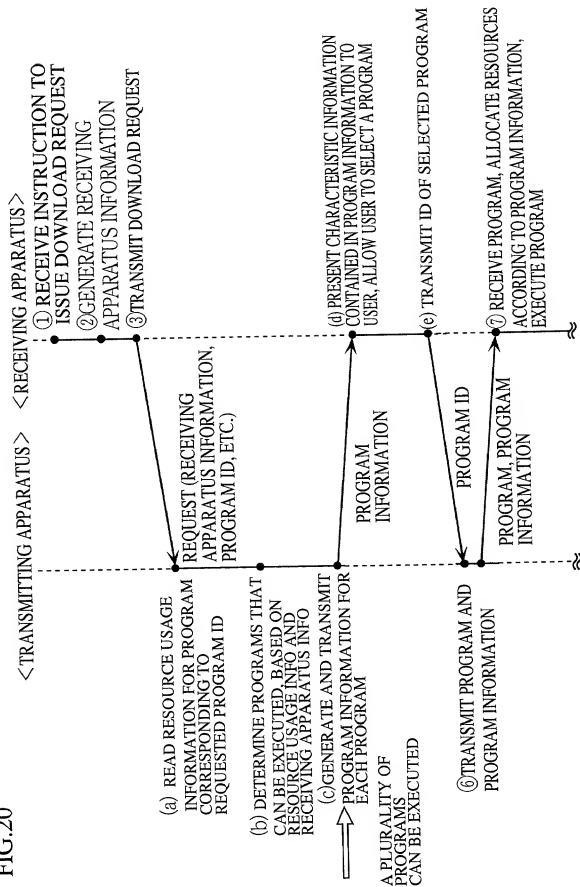


FIG. 21

RESOURCE TYPE	RESOURCE ID	AREA SIZE
task	A	0x3000
task	B	0x4000
mempool	C	0x300
PROGRAM AREA SIZE		0x500000
CHARACTERISTIC INFORMATION	"REQUIRES LARGE AREA AND RESOURCE BUT PROCESSES FAST"	

FIG. 22

PROGRAM ID		x3	2210
STORAGE AREA SIZE		0x500000	1020
AREA ID		1	1030
RESOURCE TYPE	RESOURCE ID	1040	
task	2		
task	3		
mempool	2		
CHARACTERIS TIC INFORMATION	"REQUIRES LARGE AREA AND RESOURCE BUT PROCESSES FAST"		2250

FIG. 23

PROGRAM NUMBER

1. (x2)  
"REQUIRES SMALL AREA AND RESOURCE BUT PROCESSES SLOWLY"

2. (x3)  
"REQUIRES LARGE AREA AND RESOURCE BUT PROCESSES FAST"

CHARACTERISTIC

☒
☐

SELECT PROGRAM NUMBER

ENTER

FIG. 24

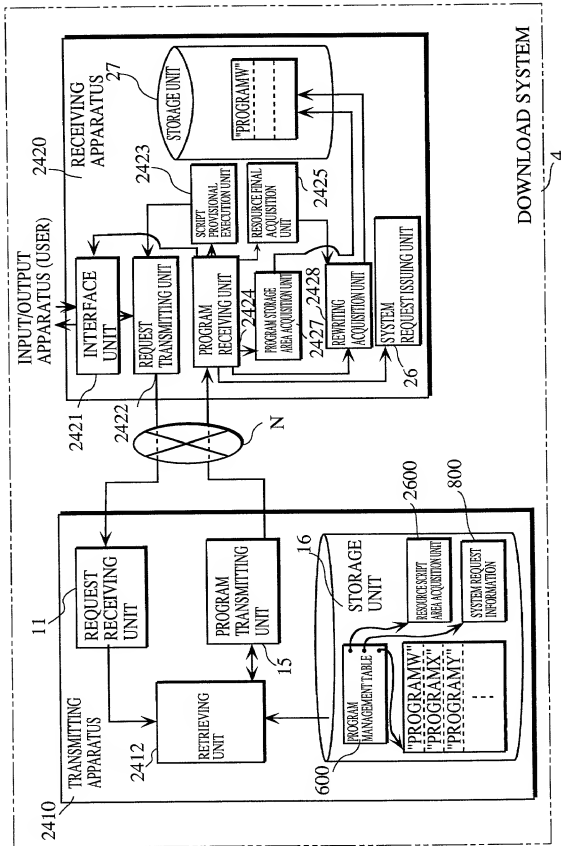


FIG. 25

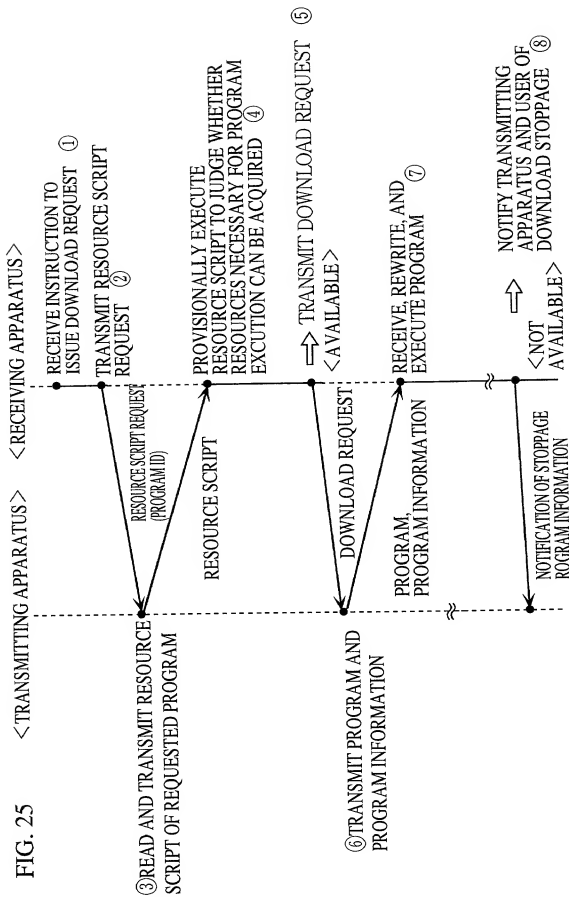


FIG. 26

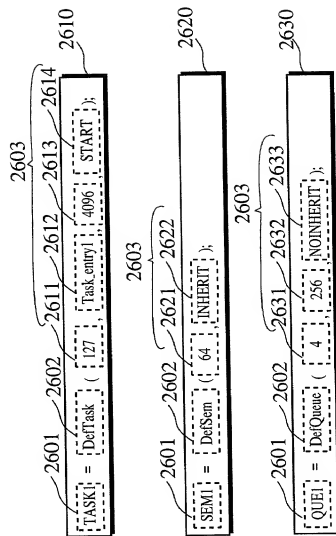




FIG. 27

2700

RESOURCE NAME COLUMN	RESOURCE ID COLUMN	RESOURCE ADDRESS COLUMN
TASK 1	2	0x50002F00 ← 2701
SEM 1	3	0x50003F00 ← 2702
QUE 1	4	0x50004F00 ← 2703

2710      2720      2730

FIG.28A

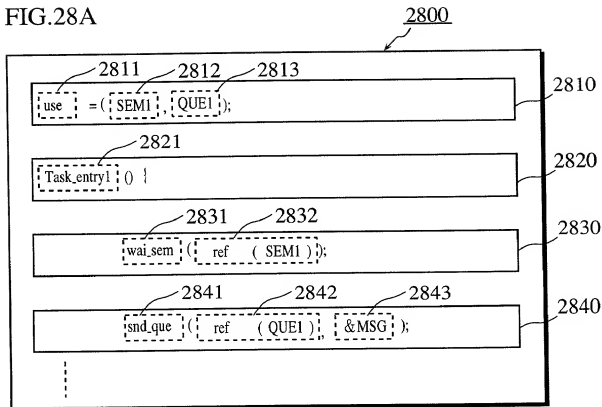


FIG.28B

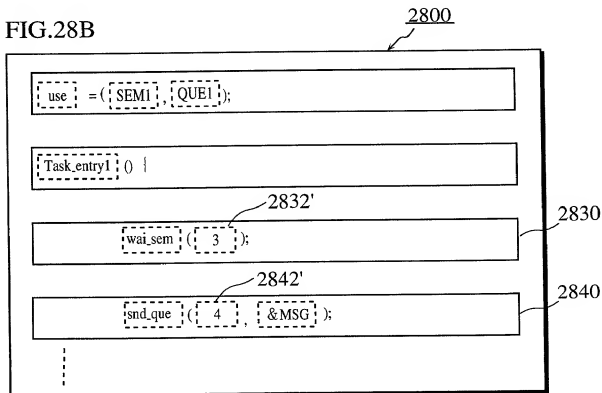


FIG. 29

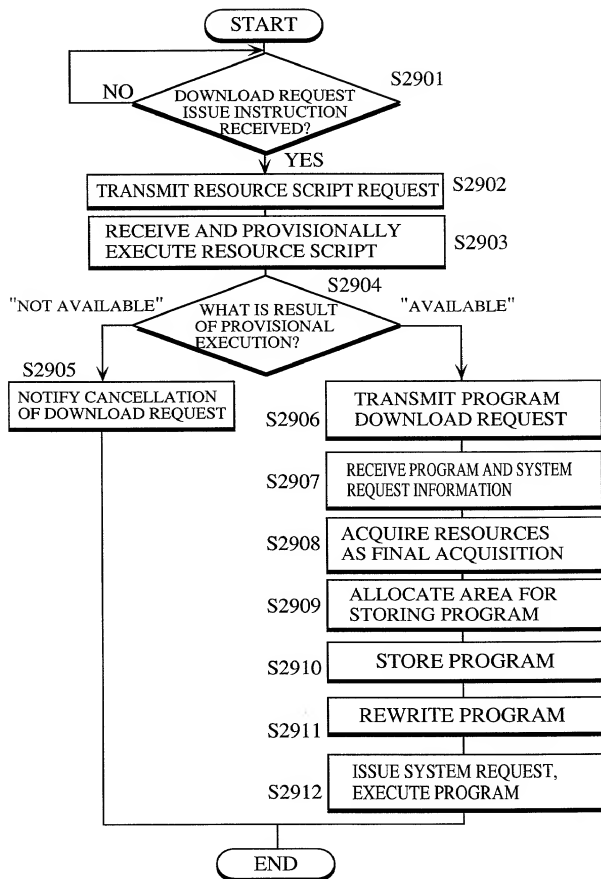


FIG.30

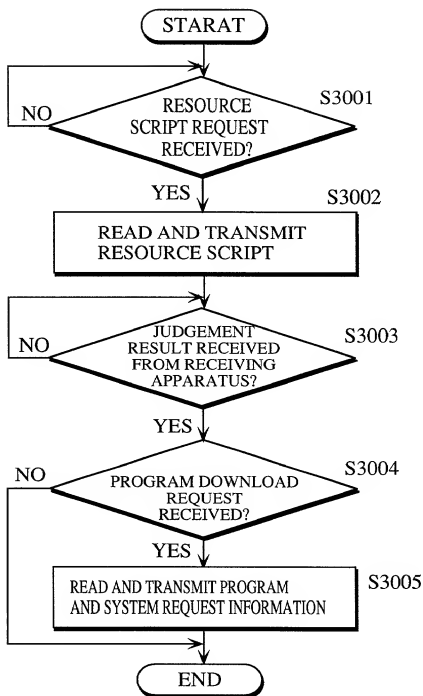


FIG. 31

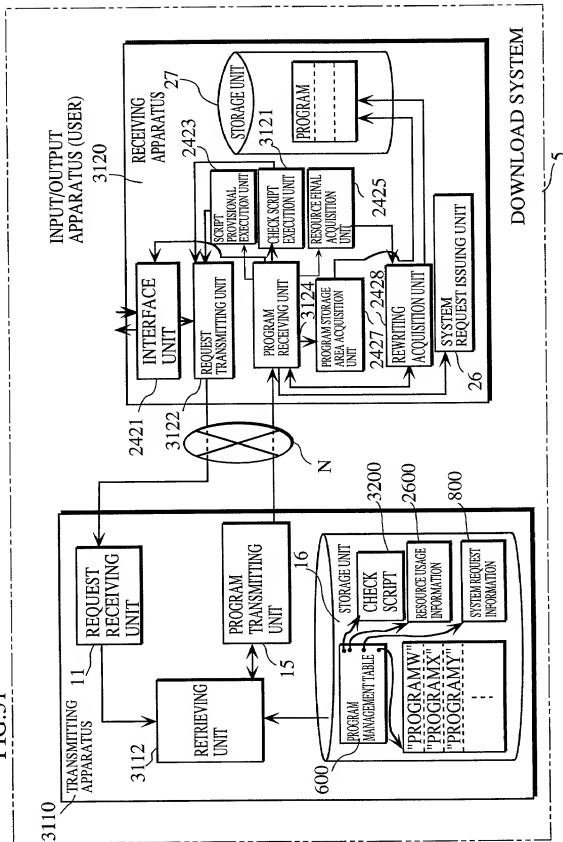


FIG. 32A

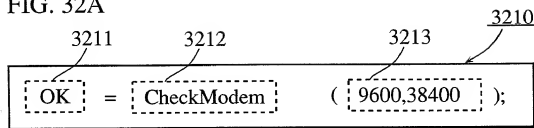


FIG. 32B

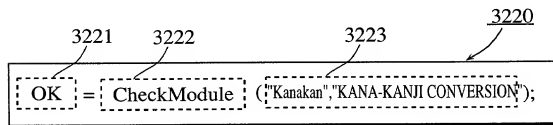


FIG.33

